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Attorney's Docket No. 1034232-000006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Yoshihiro HAYAKAWA)	Group Art Unit:
Application No.:)	Examiner:
Filed: January 13, 2006)	Confirmation No.:
For: METHOD FOR SYNTHESIZING)	
CYCLIC BIS (DINUCLEOTIDE))	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date January 13, 2006

By: Robert G. Mukai
Robert G. Mukai
Registration No. 28,531

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

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NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	ROSS et al., "Regulation of cellulose synthesis in <i>Acetobacter xylinum</i> by cyclic diguanylic acid," <i>Nature</i> , January 15, 1987, p 279, Vol. 325*
	ROSS et al., "The Cyclic Diguanylic Acid Regulatory System of Cellulose Synthesis in <i>Acetobacter xylinum</i> ," <i>The Journal of Biological Chemistry</i> , Nov. 5, 1990, pp 18933-18943, Vol. 265, No. 31, The American Society for Biochemistry and Molecular Biology, Inc.*
	HSU et al., "Synthesis and Physical Characterization of <u>BIS</u> 3'→5' Cyclic <u>Dinucleotides</u> (-NpNp-): RNA Polymerase Inhibitors," <i>Nucleosides & Nucleotides</i> , 1985, p 377, 4(3), Marcel Dekker, Inc.*
	HAYAKAWA et al., "A facile synthesis of cyclic bis(3'→5')diguanylic acid," <i>Tetrahedron</i> , Aug. 25, 2003, pp 6465-6471, Vol. 59, No. 34, Elsevier Ltd.*
	FALK et al., "Nucleoside and Nucleotide., 3. Polycondensation of thymidine 3'-phosphate by the trimester method," <i>Helvetica Chimica Acta</i> , 1972, pp 1928-1947, Vol. 55, No. 6*
	DE NAPOLI et al., "Synthesis of cyclic branched oligodeoxyribonucleotides," <i>Fazzetta Chimica Italiana</i> , 1991, pp 419-421, Vol. 121, No. 8, Societa Chimica Italiana*

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.